

SUGARCANE GROWTH MEASUREMENT DATA
USDA-ARS, SRRC, SUGARCANE RESEARCH UNIT
ARDOYNE FARM, HOUma, LOUISIANA

Growth Measurement No. 11

Growth from 6/7/05 to 6/14/05

Average growth (inches) this week Plant-Cane

LCP 85-384.....	6.95
Ho 95-988	6.10
HoCP 96-540.....	5.00
L 97-128	7.35

Average growth (inches) this week 1st-Stubble

LCP 85-384.....	8.35
Ho 95-988	7.60
HoCP 96-540.....	8.65
L 97-128	9.10

Average height (inches) to date Plant-Cane

LCP 85-384.....	27.10
Ho 95-988	24.70
HoCP 96-540.....	21.40
L 97-128	30.00

Average height (inches) to date 1st-Stubble

LCP 85-384.....	27.25
Ho 95-988	27.20
HoCP 96-540.....	29.45
L 97-128	36.90

Average height in inches

YEAR	HoCP 96-540		LCP 85-384	
	PLANT-CANE	1 ST -STUBBLE	PLANT-CANE	1 ST -STUBBLE
2005	21.4	29.5	27.1	27.3
2004	37.1	36.5	36.1	38.2
2003			24.7	27.1
2002			26.7	29.0
2001			26.2	26.0
2000			38.9	31.3
1999			38.9	40.9
1998			21.6	38.5
1997			20.6	27.9
1996			18.4	22.7

SOIL MOISTURE and CLIMATOLOGICAL DATA*

	<u>6"</u>	<u>12"</u>	<u>18"</u>	<u>Temp</u>
Min	5.3	12.3	6.5	69.4
Max	19.5	21.0	16.0	97.7
Mean	8.1	15.5	9.3	80.3

Rainfall total for week (inches).....0.78"

Rainfall total for year (inches)..... 27.04"

* Temperature, rainfall records, and soil moisture from Ardoyne Farm.
Soil moisture ranges from 0 cbars (saturated) to 200 cbars (dry).